

ABSTRACT

5       The operating and other procedures of an optical  
disk application system of the type for which a network  
is used are simplified. Optical disks have auxiliary  
data recording areas, where different IDs for individual  
disks, and/or cipher keys and/or decoding keys for  
ciphers are recorded in advance in a factory. By using  
the IDs to release the soft ciphers, using the cipher  
keys when sending the ciphers, and using the decoding  
10      keys when receiving the ciphers, user authorization  
procedures are simplified.